

Title (en)  
MOBILE COMMUNICATION SYSTEM

Title (de)  
MOBILKOMMUNIKATIONSSYSTEM

Title (fr)  
SYSTÈME DE COMMUNICATION MOBILE

Publication  
**EP 2234420 A4 20131218 (EN)**

Application  
**EP 08861409 A 20081212**

Priority  
• JP 2008003730 W 20081212  
• JP 2007324525 A 20071217

Abstract (en)  
[origin: EP2234420A1] In an MBMS transmission dedicated cell, only a downlink is provided and no uplink is provided. A method of transmitting a paging signal to a mobile terminal in this MBMS dedicated cell is established. A communication system has three types of cells including, in addition to the MBMS dedicated cell, a unicast cell to and from which a mobile terminal can transmit and receive dedicated communication data, and a unicast/MBMS-mixed cell which can provide both a service provided by the unicast cell and a service provided by the MBMS dedicated cell. While receiving the broadcast type data transmitted from the MBMS dedicated cell, the mobile terminal makes a notification of an MBMS receiving state via the unicast cell or the unicast/MBMS-mixed cell to transmit information for identifying the MBMS dedicated cell which is transmitting the broadcast type data which the mobile terminal is receiving, and the communication system transmits a paging signal to the mobile terminal currently receiving the broadcast type data transmitted from the MBMS dedicated cell on the basis of a tracking area (Tracking Area) in which the mobile terminal is tracked, the tracking area being determined on the basis of the information transmitted.

IPC 8 full level  
**H04L 5/00** (2006.01); **H04W 72/00** (2009.01); **H04W 68/12** (2009.01)

CPC (source: EP US)  
**H04L 5/0007** (2013.01 - EP US); **H04L 5/0053** (2013.01 - EP US); **H04L 65/611** (2022.05 - US); **H04W 48/12** (2013.01 - EP); **H04W 72/0466** (2013.01 - US); **H04W 72/30** (2023.01 - EP US); **H04W 68/12** (2013.01 - EP US)

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